

Title (en)

Production of a directed spray by atomising molten metal.

Title (de)

Herstellung eines gerichteten Spritzstrahls durch Zerstäubung von geschmolzenem Metall.

Title (fr)

Production d'un jet dirigé par atomisation d'un métal fondu.

Publication

EP 0127303 A1 19841205 (EN)

Application

EP 84302697 A 19840419

Priority

GB 8311167 A 19830425

Abstract (en)

[origin: GB2139249A] For uniformly coating a substrate with a spray, a stream 1 of liquid falls past a point towards which nozzles 21 in each bank 20 are all directed but at different angles. Bursts of atomising gas are fired through the respective nozzles in a repeated sequence, so as to atomise the stream into a spray and simultaneously to deflect the spray so as to impart a sequentially varying direction to the spray. <IMAGE>

IPC 1-7

C23C 7/00; **B22F 9/08**; **B05B 12/04**

IPC 8 full level

B05B 15/00 (2006.01); **B05B 7/08** (2006.01); **B05B 7/16** (2006.01); **B05B 7/22** (2006.01); **B05B 12/02** (2006.01); **B05B 17/04** (2006.01); **B05D 1/02** (2006.01); **B22F 9/08** (2006.01); **C23C 4/12** (2006.01)

CPC (source: EP US)

B05B 7/0861 (2013.01 - EP US); **B05B 7/1606** (2013.01 - EP US); **B05B 7/222** (2013.01 - EP US); **B05B 7/224** (2013.01 - EP US); **B05B 12/02** (2013.01 - EP US); **B22F 9/082** (2013.01 - EP US); **C23C 4/123** (2016.01 - EP US); **B22F 2998/00** (2013.01 - EP US); **Y10T 137/86405** (2015.04 - EP US); **Y10T 137/86743** (2015.04 - EP US)

C-Set (source: EP US)

B22F 2998/00 + **B22F 3/115**

Citation (search report)

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- [Y] US 4064295 A 19771220 - SINGER ALFRED RICHARD ERIC
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